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L10: Entry 1 of 13

File: USPT

Aug 1, 2000

US-PAT-NO: 6096499

DOCUMENT-IDENTIFIER: US 6096499 A

TITLE: Mammalian DNA primase screen and activity modulating agents

DATE-ISSUED: August 1, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kozlowski; Michael	Palo Alto	CA	N/A	N/A
Aimi; Junko	San Carlos	CA	N/A	N/A

US-CL-CURRENT: 435/6; 435/15, 435/18, 435/29, 435/32, 435/69.1, 435/91.1, 514/2, 514/44

## ABSTRACT:

The invention provides DNA primase assays suitable for identifying DNA primase modulating agents, methods of modulating DNA primase activity and compositions which modulate DNA primase.

12 Claims, 1 Drawing figures Exemplary Claim Number: 1  
Number of Drawing Sheets: 4

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	RWMC	Draw Desc	Image
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☐ 2. Document ID: US 6063609 A

L10: Entry 2 of 13

File: USPT

May 16, 2000

US-PAT-NO: 6063609

DOCUMENT-IDENTIFIER: US 6063609 A

TITLE: Human serum inducible kinase (Snk)

DATE-ISSUED: May 16, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Anderson; Karen M	West Chester	PA	N/A	N/A
Bouzyk; Mark M	Little Hadham	N/A	N/A	GBX
Hansbury; Michael J	Collingswood	NJ	N/A	N/A
Jackson; Jeffrey R	Collegeville	PA	N/A	N/A
Nerurkar; Sandhya S	Devon	PA	N/A	N/A
Roshak; Amy K	East Norriton	PA	N/A	N/A

US-CL-CURRENT: 435/194; 435/252.3, 435/320.1, 435/325, 435/440, 536/23.2

## ABSTRACT:

The Serum Inducible Kinase (Snk) polypeptides and polynucleotides and methods for producing such polypeptides by recombinant techniques are disclosed. Also disclosed are methods for utilizing Serum Inducible Kinase (Snk) polypeptides and polynucleotides in therapy, and diagnostic assays for such.

11 Claims, 0 Drawing figures Exemplary Claim Number: 6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw. Desc.	Image
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☐ 3. Document ID: US 6033857 A

L10: Entry 3 of 13

File: USPT

Mar 7, 2000

US-PAT-NO: 6033857

DOCUMENT-IDENTIFIER: US 6033857 A

TITLE: Chromosome 13-linked breast cancer susceptibility gene

DATE-ISSUED: March 7, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tavtigian; Sean V.	Salt Lake City	UT	N/A	N/A
Kamb; Alexander	Salt Lake City	UT	N/A	N/A
Simard; Jacques	St. Augustin de Desmuures	N/A	N/A	CAX
Couch; Fergus	St. Davids	PA	N/A	N/A
Rommens; Johanna M.	Toronto	N/A	N/A	CAX
Weber; Barbara L.	Merion	PA	N/A	N/A

US-CL-CURRENT: 435/6; 435/320.1, 435/325, 435/69.1, 435/7.2, 536/23.1, 536/23.5

## ABSTRACT:

The present invention relates generally to the field of human genetics. Specifically, the present invention relates to methods and materials used to isolate and detect a human breast cancer predisposing gene (BRCA2), some mutant alleles of which cause susceptibility to cancer, in particular breast cancer. More specifically, the invention relates to germline mutations in the BRCA2 gene and their use in the diagnosis of predisposition to breast cancer. The present invention further relates to somatic mutations in the BRCA2 gene in human breast cancer and their use in the diagnosis and prognosis of human breast cancer. Additionally, the invention relates to somatic mutations in the BRCA2 gene in other human cancers and their use in the diagnosis and prognosis of human cancers. The invention also relates to the therapy of human cancers which have a mutation in the BRCA2 gene, including gene therapy, protein replacement therapy and protein mimetics. The invention further relates to the screening of drugs for cancer therapy. Finally, the invention relates to the screening of the BRCA2 gene for mutations, which are useful for diagnosing the predisposition to breast cancer.

8 Claims, 11 Drawing figures Exemplary Claim Number: 1

Number of Drawing Sheets: 9

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw Desc	Image
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☐ 4. Document ID: US 6013469 A

L10: Entry 4 of 13

File: USPT

Jan 11, 2000

US-PAT-NO: 6013469

DOCUMENT-IDENTIFIER: US 6013469 A

TITLE: Human B-cell translocation genes-2 and 3

DATE-ISSUED: January 11, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kunsch; Charles A.	Gaithersburg	MD	N/A	N/A
Chopra; Arvind	Gaithersburg	MD	N/A	N/A
Rosen; Craig A.	Laytonsville	MD	N/A	N/A

US-CL-CURRENT: 435/69.1; 435/320.1, 435/325, 530/350, 536/23.1

## ABSTRACT:

The present invention relates to novel antiproliferative genes. More specifically, isolated nucleic acid molecules are provided encoding the human B-cell translocation genes 2 and 3 (BTG-2 and BTG-3). BTG-2 and BTG-3 polypeptides are also provided, as are vectors, host cells and recombinant methods for producing the same.

41 Claims, 6 Drawing figures Exemplary Claim Number: 1  
Number of Drawing Sheets: 6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 5. Document ID: US 6001623 A

L10: Entry 5 of 13

File: USPT

Dec 14, 1999

US-PAT-NO: 6001623

DOCUMENT-IDENTIFIER: US 6001623 A

TITLE: Human protein kinase H2LAU20

DATE-ISSUED: December 14, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Brun; Kimberly Anne	Harleysville	PA	N/A	N/A
Creasy; Caretha Lee	Edenheim	PA	N/A	N/A
Dunnington; Damien John	New Providence	NJ	N/A	N/A

US-CL-CURRENT: 435/194; 435/252.3, 435/320.1, 435/325, 536/23.2

## ABSTRACT:

The H2LAU20 polypeptides and polynucleotides and methods for producing such polypeptides by recombinant techniques are disclosed. Also disclosed are methods for utilizing H2LAU20 polypeptides and polynucleotides in therapy, and diagnostic assays for such.

12 Claims, 0 Drawing figures Exemplary Claim Number: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 6. Document ID: US 5973119 A

L10: Entry 6 of 13

File: USPT

Oct 26, 1999

US-PAT-NO: 5973119

DOCUMENT-IDENTIFIER: US 5973119 A

TITLE: Cyclin E genes and proteins

DATE-ISSUED: October 26, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Coats; Steven Roy	Camarillo	CA	N/A	N/A
Bass; Michael Brian	Thousand Oaks	CA	N/A	N/A
Robinson; Murray O.	Malibu	CA	N/A	N/A

US-CL-CURRENT: 530/350; 536/23.5

## ABSTRACT:

Disclosed are nucleic acid molecules encoding novel cyclin E2 polypeptides. Also disclosed are methods of preparing the nucleic acid molecules and polypeptides, and methods of using these molecules.

5 Claims, 20 Drawing figures Exemplary Claim Number: 1  
Number of Drawing Sheets: 15

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Draw. Desc	Image
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☐ 7. Document ID: US 5928888 A

L10: Entry 7 of 13

File: USPT

Jul 27, 1999

US-PAT-NO: 5928888

DOCUMENT-IDENTIFIER: US 5928888 A

TITLE: Methods and compositions for sensitive and rapid, functional identification of genomic polynucleotides and secondary screening capabilities

DATE-ISSUED: July 27, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Whitney; Michael A.	La Jolla	CA	N/A	N/A

US-CL-CURRENT: 435/29; 435/230, 435/4, 435/455, 435/463, 435/6, 435/69.1, 435/91.1, 436/501, 536/23.1, 536/24.3, 536/24.31, 536/24.5

## ABSTRACT:

The invention provides for a methods and compositions for identifying proteins or compounds that directly or indirectly modulate a genomic polynucleotide and methods for identifying active genomic polynucleotides. Generally, the method comprises inserting a BL (beta-lactamase) expression construct into an eukaryotic genome, usually non-yeast, contained in at least one living cell, contacting the cell with a predetermined concentration of a modulator, and detecting BL activity in the cell.

45 Claims, 5 Drawing figures Exemplary Claim Number: 1  
Number of Drawing Sheets: 4

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw. Desc	Image
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☐ 8. Document ID: US 5837492 A

L10: Entry 8 of 13

File: USPT

Nov 17, 1998

US-PAT-NO: 5837492

DOCUMENT-IDENTIFIER: US 5837492 A

TITLE: Chromosome 13-linked breast cancer susceptibility gene

DATE-ISSUED: November 17, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tavtigian; Sean V.	Salt Lake City	UT	N/A	N/A
Kamb; Alexander	Salt Lake City	UT	N/A	N/A
Simard; Jacques	St. Augustin de Desmuures	N/A	N/A	CAX
Couch; Fergus	St. Davids	PA	N/A	N/A
Rommens; Johanna M.	Toronto	N/A	N/A	CAX
Weber; Barbara L.	Merion	PA	N/A	N/A

US-CL-CURRENT: 435/69.1; 435/320.1, 435/375, 530/828

## ABSTRACT:

The present invention relates generally to the field of human genetics. Specifically, the present invention relates to methods and materials used to isolate and detect a human breast cancer predisposing gene (BRCA2), some mutant alleles of which cause susceptibility to cancer, in particular breast cancer. More specifically, the invention relates to germline mutations in the BRCA2 gene and their use in the diagnosis of predisposition to breast cancer. The present invention further relates to somatic mutations in the BRCA2 gene in human breast cancer and their use in the diagnosis and prognosis of human breast cancer. Additionally, the invention relates to somatic mutations in the BRCA2 gene in other human cancers and their use in the diagnosis and prognosis of human cancers. The invention also relates to the therapy of human cancers which have a mutation in the BRCA2 gene, including gene therapy, protein replacement therapy and protein mimetics. The invention further relates to the screening of drugs for cancer therapy. Finally, the invention relates to the screening of the BRCA2 gene for mutations, which are useful for diagnosing the predisposition to breast cancer.

30 Claims, 11 Drawing figures Exemplary Claim Number: 1,16,21,29

Number of Drawing Sheets: 9

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw. Desc	Image
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☐ 9. Document ID: US 5753441 A

L10: Entry 9 of 13

File: USPT

May 19, 1998



US-PAT-NO: 5753441

DOCUMENT-IDENTIFIER: US 5753441 A

TITLE: 170-linked breast and ovarian cancer susceptibility gene

DATE-ISSUED: May 19, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Skolnick; Mark H.	Salt Lake City	UT	N/A	N/A
Goldgar; David E.	Salt Lake City	UT	N/A	N/A
Miki; Yoshio	Salt Lake City	UT	N/A	N/A
Swenson; Jeff	Salt Lake City	UT	N/A	N/A
Kamb; Alexander	Salt Lake City	UT	N/A	N/A
Harshman; Keith D.	Salt Lake City	UT	N/A	N/A
Shattuck-Eidens; Donna M.	Salt Lake City	UT	N/A	N/A
Tavtigian; Sean V.	Salt Lake City	UT	N/A	N/A
Wiseman; Roger W.	Durham	NC	N/A	N/A
Futreal; P. Andrew	Durham	NC	N/A	N/A

US-CL-CURRENT: 435/6; 424/1.11, 435/4, 435/7.1, 435/7.2, 435/7.9, 435/91.1, 435/91.2, 436/500, 436/548, 530/387.2, 530/388.1, 536/23.1, 536/24.3, 536/24.33

## ABSTRACT:

The present invention relates generally to the field of human genetics. Specifically, the present invention relates to methods and materials used to isolate and detect a human breast and ovarian cancer predisposing gene (BRCA1), some mutant alleles of which cause susceptibility to cancer, in particular breast and ovarian cancer. More specifically, the invention relates to germline mutations in the BRCA1 gene and their use in the diagnosis of predisposition to breast and ovarian cancer. The present invention further relates to somatic mutations in the BRCA1 gene in human breast and ovarian cancer and their use in the diagnosis and prognosis of human breast and ovarian cancer. Additionally, the invention relates to somatic mutations in the BRCA1 gene in other human cancers and their use in the diagnosis and prognosis of human cancers. The invention also relates to the therapy of human cancers which have a mutation in the BRCA1 gene, including gene therapy, protein replacement therapy and protein mimetics. The invention further relates to the screening of drugs for cancer therapy. Finally, the invention relates to the screening of the BRCA1 gene for mutations, which are useful for diagnosing the predisposition to breast and ovarian cancer.

37 Claims, 19 Drawing figures Exemplary Claim Number: 1

Number of Drawing Sheets: 18

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 10. Document ID: US 5747282 A

L10: Entry 10 of 13

File: USPT

May 5, 1998

US-PAT-NO: 5747282  
DOCUMENT-IDENTIFIER: US 5747282 A

TITLE: 17Q-linked breast and ovarian cancer susceptibility gene

DATE-ISSUED: May 5, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Skolnick; Mark H.	Salt Lake City	UT	N/A	N/A
Goldgar; David E.	Salt Lake City	UT	N/A	N/A
Miki; Yoshio	Salt Lake City	UT	N/A	N/A
Swenson; Jeff	Salt Lake City	UT	N/A	N/A
Kamb; Alexander	Salt Lake City	UT	N/A	N/A
Harshman; Keith D.	Salt Lake City	UT	N/A	N/A
Shattuck-Eidens; Donna M.	Salt Lake City	UT	N/A	N/A
Tavtigian; Sean V.	Salt Lake City	UT	N/A	N/A
Wiseman; Roger W.	Durham	NC	N/A	N/A
Futreal; P. Andrew	Durham	NC	N/A	N/A

US-CL-CURRENT: 435/69.1; 435/320.1, 435/325, 435/6, 536/23.5, 536/24.31,  
536/24.33

ABSTRACT:

The present invention relates generally to the field of human genetics. Specifically, the present invention relates to methods and materials used to isolate and detect a human breast and ovarian cancer predisposing gene (BRCA1), some mutant alleles of which cause susceptibility to cancer, in particular breast and ovarian cancer. More specifically, the invention relates to germline mutations in the BRCA1 gene and their use in the diagnosis of predisposition to breast and ovarian cancer. The present invention further relates to somatic mutations in the BRCA1 gene in human breast and ovarian cancer and their use in the diagnosis and prognosis of human breast and ovarian cancer. Additionally, the invention relates to somatic mutations in the BRCA1 gene in other human cancers and their use in the diagnosis and prognosis of human cancers. The invention also relates to the therapy of human cancers which have a mutation in the BRCA1 gene, including gene therapy, protein replacement therapy and protein mimetics. The invention further relates to the screening of drugs for cancer therapy. Finally, the invention relates to the screening of the BRCA1 gene for mutations, which are useful for diagnosing the predisposition to breast and ovarian cancer.

20 Claims, 10 Drawing figures Exemplary Claim Number: 1  
Number of Drawing Sheets: 18

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	RWMC	Draw Desc	Image
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☐ 11. Document ID: US 5710001 A

L10: Entry 11 of 13

File: USPT

Jan 20, 1998

US-PAT-NO: 5710001

DOCUMENT-IDENTIFIER: US 5710001 A

TITLE: 17q-linked breast and ovarian cancer susceptibility gene

DATE-ISSUED: January 20, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Skolnick; Mark H.	Salt Lake City	UT	N/A	N/A
Goldgar; David E.	Salt Lake City	UT	N/A	N/A
Miki; Yoshio	Salt Lake City	UT	N/A	N/A
Swenson; Jeff	Salt Lake City	UT	N/A	N/A
Kamb; Alexander	Salt Lake City	UT	N/A	N/A
Harshman; Keith D.	Salt Lake City	UT	N/A	N/A
Shattuck-Eidens; Donna M.	Salt Lake City	UT	N/A	N/A
Tavtigian; Sean V.	Salt Lake City	UT	N/A	N/A
Wiseman; Roger W.	Durham	NC	N/A	N/A
Futreal; P. Andrew	Durham	NC	N/A	N/A

US-CL-CURRENT: 435/6; 435/7.1, 435/7.9, 435/91.2, 530/300, 530/350, 530/388.1, 536/23.1, 536/24.3, 536/24.33

## ABSTRACT:

The present invention relates generally to the field of human genetics. Specifically, the present invention relates to methods and materials used to isolate and detect a human breast and ovarian cancer predisposing gene (BRCA1), some mutant alleles of which cause susceptibility to cancer, in particular breast and ovarian cancer. More specifically, the invention relates to germline mutations in the BRCA1 gene and their use in the diagnosis of predisposition to breast and ovarian cancer. The present invention further relates to somatic mutations in the BRCA1 gene in human breast and ovarian cancer and their use in the diagnosis and prognosis of human breast and ovarian cancer. Additionally, the invention relates to somatic mutations in the BRCA1 gene in other human cancers and their use in the diagnosis and prognosis of human cancers. The invention also relates to the therapy of human cancers which have a mutation in the BRCA1 gene, including gene therapy, protein replacement therapy and protein mimetics. The invention further relates to the screening of drugs for cancer therapy. Finally, the invention relates to the screening of the BRCA1 gene for mutations, which are useful for diagnosing the predisposition to breast and ovarian cancer.

35 Claims, 19 Drawing figures Exemplary Claim Number: 1  
Number of Drawing Sheets: 18

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 12. Document ID: US 5709999 A

L10: Entry 12 of 13

File: USPT

Jan 20, 1998

US-PAT-NO: 5709999

DOCUMENT-IDENTIFIER: US 5709999 A

TITLE: Linked breast and ovarian cancer susceptibility gene

DATE-ISSUED: January 20, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Shattuck-Eidens; Donna M.	Salt Lake City	UT	N/A	N/A
Simard; Jacques	St. Augustin de Desmaures	N/A	N/A	CAX
Durocher; Francine	Ste-Foy	N/A	N/A	CAX
Emi; Mitsuuru	Tokyo	N/A	N/A	JPX
Nakamura; Yusuke	Yokohama	N/A	N/A	JPX

US-CL-CURRENT: 435/6; 435/91\_2, 536/23\_1, 536/24\_3, 536/24\_33

## ABSTRACT:

The present invention relates generally to the field of human genetics. Specifically, the present invention relates to methods and materials used to isolate and detect a human breast and ovarian cancer predisposing gene (BRCA1), some mutant alleles of which cause susceptibility to cancer, in particular breast and ovarian cancer. More specifically, the invention relates to germline mutations in the BRCA1 gene and their use in the diagnosis of predisposition to breast and ovarian cancer. The present invention further relates to somatic mutations in the BRCA1 gene in human breast and ovarian cancer and their use in the diagnosis and prognosis of human breast and ovarian cancer. Additionally, the invention relates to somatic mutations in the BRCA1 gene in other human cancers and their use in the diagnosis and prognosis of human cancers. The invention also relates to the therapy of human cancers which have a mutation in the BRCA1 gene, including gene therapy, protein replacement therapy and protein mimetics. The invention further relates to the screening of drugs for cancer therapy. Finally, the invention relates to the screening of the BRCA1 gene for mutations, which are useful for diagnosing the predisposition to breast and ovarian cancer.

35 Claims, 19 Drawing figures Exemplary Claim Number: 1

Number of Drawing Sheets: 18

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWMC	Draw Desc	Image
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☐ 13. Document ID: US 5693473 A

L10: Entry 13 of 13

File: USPT

Dec 2, 1997

US-PAT-NO: 5693473

DOCUMENT-IDENTIFIER: US 5693473 A

TITLE: Linked breast and ovarian cancer susceptibility gene

DATE-ISSUED: December 2, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Shattuck-Eidens; Donna M.	Salt Lake City	UT	N/A	N/A
Simard; Jacques	Quebec	N/A	N/A	CAX
Durocher; Francine	Ste-Foy	N/A	N/A	CAX
Emi; Mitsuuru	Tokoyo	N/A	N/A	JPX
Nakamura; Yusuke	Yokohama	N/A	N/A	JPX

US-CL-CURRENT: 435/6; 435/91\_2, 536/23\_1, 536/24\_3, 536/24\_33

## ABSTRACT:

The present invention relates generally to the field of human genetics. Specifically, the present invention relates to methods and materials used to isolate and detect a human breast and ovarian cancer predisposing gene (BRCA1), some mutant alleles of which cause susceptibility to cancer, in particular breast and ovarian cancer. More specifically, the invention relates to germline mutations in the BRCA1 gene and their use in the diagnosis of predisposition to breast and ovarian cancer. The present invention further relates to somatic mutations in the BRCA1 gene in human breast and ovarian cancer and their use in the diagnosis and prognosis of human breast and ovarian cancer. Additionally, the invention relates to somatic mutations in the BRCA1 gene in other human cancers and their use in the diagnosis and prognosis of human cancers. The invention also relates to the therapy of human cancers which have a mutation in the BRCA1 gene, including gene therapy, protein replacement therapy and protein mimetics. The invention further relates to the screening of drugs for cancer therapy. Finally, the invention relates to the screening of the BRCA1 gene for mutations, which are useful for diagnosing the predisposition to breast and ovarian cancer.

14 Claims, 19 Drawing figures Exemplary Claim Number: 1  
Number of Drawing Sheets: 18

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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